CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

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T. E. GALANTHAY — MAY 24, 2004

Signature T. E. GALANTHAY — Date

Typed/Printed Name of Person signing Certificate

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Kenneth Ostrom et al

Filed 01/22/2002

Serial Number 10/053.973

Date: May 24, 2004

Group Art Unit 2863

Examiner: LE, John H.

From: Tempe Arizona 85282

Title: MICROELECTRONIC TRANSIENT POWER GENERATOR FOR POWER SYSTEM VALIDATION

Ok to enter
John Le
06/06/04

AMENDMENT UNDER 37 CFR 1.116

Commissioner for Patents
Mail Stop: AF
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated March 25, 2004, kindly amend this application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page **2** of this paper.

Remarks/Arguments begin on page **5** of this paper.

IN THE CLAIMS:

Kindly cancel claims 1, 2 and claims 15 - 17, without prejudice.

The current status of the claims currently in this application is as follows:

1. (Canceled)

2. (Canceled)

3. (Original) A transient load generator for testing a microelectronic power delivery system, the generator comprising:

a first voltage source having a first output voltage;

a second voltage source having a second output voltage, wherein the second output voltage is greater than the first output voltage;

a first current source coupled to the second voltage source;

a second current source coupled to the second voltage source;

a control circuit configured to receive an input trigger signal and transmit a corresponding signal to the second current source to switch the current source from an off state to an on state;

a first transistor coupled to the first voltage source and the first current source; and

a second transistor coupled to the second voltage source and the first transistor.

4. (Original) The transient load generator of claim 3, wherein the first current source is coupled in parallel to the second current source.

5. (Original) The transient load generator of claim 3, wherein the first transistor is a bipolar transistor having a base region coupled to the first current source and a collector region coupled to the first voltage source.

6. (Original) Th transient load generator of claim 3, wherein the second transistor is a bipolar transistor having a base region coupled to the second current source, a collector region coupled to the second voltage source, and an emitter region coupled to the first transistor.

7. (Original) The transient load generator of claim 3, further comprising a resistor coupled between the first current source and the first transistor.

8. (Original) The transient load generator of claim 3, further comprising a diode coupled to the second current source.

9. (Original) The transient load generator of claim 3, further comprising a diode coupled to the first current source.

10. (Original) A power regulation system comprising the transient load generator of claim 3.

11. (Original) A transient load generator for testing a microelectronic power delivery system, the generator comprising:

a first voltage source having a first output voltage;

a second voltage source having a second output voltage, wherein the second output voltage is greater than the first output voltage;

a current source coupled to the second voltage source;

a first transistor coupled to the current source and to ground; and

a second transistor coupled to the current source and to ground.

12. (Original) The transient load generator of claim 11, wherein the first and second transistors comprise MOS transistors.

13. (Original) The transient load generator of claims 12, wherein a gate region of the first transistor is coupled to the gate region of the second transistor.

14. (Original) A power regulation system comprising the transient load generator of claim 11.

15. (Canceled)

16. (Canceled)

17. (Canceled)

REMARKS

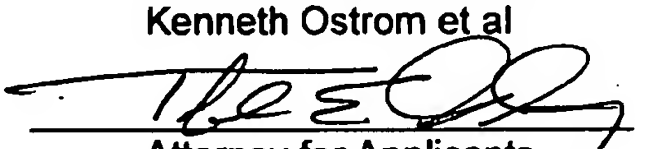
This is in response to the Office Action dated March 25, 2004. Examiner's indication that claims 3-14 are allowed is noted with appreciation.

Claims 1, 2 and claims 15-17 were rejected. All of these rejected claims, to wit, claims 1, 2 and claims 15-17 have been canceled.

Accordingly, all of the claims (3-14) remaining in this application have been allowed. This amendment timely made within two months of the Office Action is believed to be entitled to an Advisory Office Action indicating that a Notice of Allowance will be issued in due course.

If Examiner has a question or comment or if Applicants' attorney can assist in any manner whatsoever, Examiner is respectfully requested to telephone the undersigned. An early notification of allowance is earnestly solicited.

Respectfully submitted,
Kenneth Ostrom et al



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